

U . S. DEPARTMENT OF TRANSPORTATION
HAZARDOUS MATERIALS SAFETY
HAZARDOUS MATERIALS INFORMATION SYSTEM
HAZMAT SUMMARY BY Mode of Transportation / Cause

Serious Incidents*

Calendar Year - 2006
3rd Quarter

Mode of Transportation / Cause	Incidents	INJURIES		Fatalities	Damages
		Hospitalized	Non-Hospitalized		
Air					
Forklift Accident	5	0	2	0	1,772
Human Error	2	0	0	0	0
Impact with Sharp or Protruding Object (e.g., nails)	3	0	0	0	574,263
Improper Preparation for Transportation	1	0	0	0	0
Inadequate Preparation for Transportation	1	0	0	0	0

* PHMSA revised the definition of a serious incident in 2002. This is the current definition:

- a fatality or major injury caused by the release of a hazardous material,
- the evacuation of 25 or more persons as a result of release of a hazardous material or exposure to fire,
- a release or exposure to fire which results in the closure of a major transportation artery,
- the alteration of an aircraft flight plan or operation,
- the release of radioactive materials from Type B packaging,
- the release of over 11.9 gallons or 88.2 pounds of a severe marine pollutant, or
- the release of a bulk quantity (over 119 gallons or 882 pounds) of a hazardous material.

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Highway					
Abrasion	2	0	0	0	105,098
Broken Component or Device	8	1	0	0	320,270
Commodity Self-Ignition	1	0	2	0	31,337
Commodity Polymerization	1	0	0	0	650
Corrosion - Exterior	1	0	0	0	0
Corrosion - Interior	1	0	0	0	65,000
Defective Component or Device	12	2	0	0	146,952
Derailment	1	0	0	0	345,300
Deterioration or Aging	6	0	1	0	56,888
Dropped	6	0	0	0	146,253
Fire, Temperature, or Heat	5	0	0	0	414,204
Forklift Accident	10	3	2	0	55,700
Human Error	51	5	23	0	914,400
Impact with Sharp or Protruding Object (e.g., nails)	5	0	0	0	26,333
Improper Preparation for Transportation	5	0	0	0	13,525
Inadequate Blocking and Bracing	7	0	2	0	17,650
Inadequate Preparation for Transportation	5	0	2	0	10,500
Inadequate Procedures	2	0	0	0	48,050
Incompatible Product	1	0	0	0	2,925
Loose Closure, Component, or Device	8	1	0	0	15,225
Missing Component or Device	1	0	0	0	0
Overfilled	7	0	0	0	82,500
Over-pressurized	4	1	1	0	152,724
Rollover Accident	54	2	1	8	7,446,897
Valve Open	2	0	19	0	2,500
Vehicular Crash or Accident Damage	42	1	2	0	21,205,424
Cause Not Reported	47	0	4	8	3,257,819

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Rail					
Conveyer or Material Handling Equipment Mishap	1	0	0	0	2,500
Corrosion - Exterior	1	1	0	0	1,000
Corrosion - Interior	2	0	2	0	18,750
Defective Component or Device	1	0	0	0	528
Derailment	13	2	0	0	3,457,074
Deterioration or Aging	7	0	0	0	145,487
Human Error	4	0	0	0	7,400
Impact with Sharp or Protruding Object (e.g., nails)	2	0	0	0	4,500
Improper Preparation for Transportation	2	0	0	0	13,464
Inadequate Blocking and Bracing	1	0	0	0	21,470
Inadequate Preparation for Transportation	2	2	0	0	1,052
Incorrectly Sized Component or Device	1	0	0	0	10,000
Loose Closure, Component, or Device	13	4	1	0	75,199
Misaligned Material, Component, or Device	2	0	0	0	13,196
Missing Component or Device	2	0	1	0	9,752
Overfilled	5	0	0	0	30,417
Over-pressurized	4	0	0	0	12,020
Vehicular Crash or Accident Damage	3	0	0	0	212,308
Cause Not Reported	16	0	2	0	232,870
Totals By Mode					
Air Incidents	12	0	2	0	576,035
Highway Incidents	295	16	59	16	34,884,124
Rail Incidents	98	9	8	0	4,501,857
Water Incidents	0	0	0	0	0
Total - 2006, 3rd Quarter	389	25	67	16	39,729,146

Note: Due to multiple causes being involved in a single incident, the totals above may not correspond to the totals in the other reports.

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